



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं. ९]

नई विलो, शनिवार, मार्च 3, 1973 (फाल्गुन १२, १८९४)

No. 9]

NEW DELHI, SATURDAY, MARCH 3, 1973 (PHALGUNA 12, 1894)

इस भाग में चिह्न पृष्ठ संख्या दी जाती है जिसे इह प्रति असता संख्यान के रूप में रखा जा सके।  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से संबंधित घोषित सूचनाएँ और नोटिस

## Notifications and Notices Issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## Patents and Designs

Calcutta, the 3rd March 1973

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

Application for Patents filed at the Head Office

12th February 1973

294/Cal/73. Orissa Cement Limited. Refractory Shaped Materials.

295/Cal/73. Dr. I.G. Sindelar and H. Rautenberg. Method and apparatus for the reduction of fe-vehicles.

296/Cal/73. Robbins Incubator Company. Method and apparatus for incubating and batching eggs. (18th May 1972).

297/Cal/73. Delalande S. A. A process for the preparation of a derivatives of 4'-aminomethyl-dibenzo [b, e]-11-oxepine-2'-spiro-1", 3"-dioxoplane". (Addition to No. 316/72).

298/Cal/73. A. Benz. Cleaning device. (4th Sept. 1972).

299/Cal/73. Thomley Static Control Systems, Inc. Electrostatic generator.

300/Cal/73. Onoda Cement Co. Ltd. Apparatus for heating and calcining of powder and/or pulverized materials.

301/Cal/73. K. M. Engineering Aktiengesellschaft. Process for the non-cutting production of sheetmetal containers.

302/Cal/73. S. A. Brodsky and R. A. Kelly. Vasectomy procedure and instrument for use therewith.

303/Cal/73. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius &amp; Brüning. Thermoplastic moulding composition on the basis of polyoxymethylene.

304/Cal/73. H. H. Liaw. A writing implement with two-piece tubular casing.

305/Cal/73. Grain Processing Corporation. Process for producing cottonseed protein isolates.

306/Cal/73. Gassella Farbwerke Mainkur Aktiengesellschaft. Water-insoluble monoazo dyestuffs.

307/Cal/73. Preformed Line Products Company. Reinforced concrete appliance. (11th February 1972).

13th February 1973

308/Cal/73. Council of Scientific and Industrial Research. A process for the manufacture of rust preventive packing paper.

309/Cal/73. Charles Weston &amp; Company Limited. Sealing rings. (10th February 1972).

310/Cal/73. Clin Midy. Indole derivatives.

311/Cal/73. Svenska Rotor Maskiner Aktiebolag. A pack of heat absorbing material and a support member therefor. (16th February 1972).

312/Cal/73. Associated Engineering Limited. Fuel pressure regulator. (30th September 1970). [Divisional date 1st October 1971].

314/Cal/73. A. J. Hobbs. Device for dispensing ice. (17th February 1972).

315/Cal/73. Prabhas Ranjan Chaki. A method of and means for the manufacture of refractory bricks.

316/Cal/73. Glynwed Foundries Limited. An improved method of and apparatus for forming a sand mould for use in the manufacture of a cast iron pipe. (14th February 1972).

317/Cal/73. Stanadyne Inc. Water separator.

318/Cal/73. Vsesojuzny Oroena Trudovogo Krasnogo Znameni Nauchno-Issledovatelsky Institut Burovoi Tekhniki. Core drilling apparatus.

319/Cal/73. P. Kumar. Catalytic auto exhaust purifier.

15th February 1973

- 320/Cal/73. Joseph Lucas (Electrical) Limited. Overload protection circuits. (19th February 1972).
- 321/Cal/73. Kao Soap Co., Ltd. Process for preparation of slates of sandwich arrangement.
- 322/Cal/73. Stamicarbon B. V. Process for the recovery of pure lactams.
- 323/Cal/73. Indian Explosives Limited. Improved dry blasting agents.
- 324/Cal/73. Council of Scientific and Industrial Research. Improvements in or relating to the preparation of new reactive dyes derived from copper phthalocyanine.
- 325/Cal/73. Council of Scientific and Industrial Research. Improvements in or relating to the preparation of new reactive finishing agents for textile fibres.
- 326/Cal/73. Georg Utz AG. Pallets.
- 327/Cal/73. Fichtel & Sachs AG. Multispeed hub the braking operation whereof is unaffected by the engagement position of the drive.
- 328/Cal/73. Ceskoslovenska Mokise Pro Atomovou Energií, Praha, Czechoslovakia. Process of treating mycelia of fungi for retention of metals.
- 329/Cal/73. United Aircraft Corporation. Purge timer for a fuel cell.
- 330/Cal/73. A. K. Lal. A device adapted to be used as a precipitator or crystallizer.
- 331/Cal/73. S. Krishan. A theft prevention device. [Addition to No. 1543/72].
- 332/Cal/73. Commonwealth Scientific and Industrial Research Organization. Method and apparatus for transferring heat to or from material. (15th February 1972).
- 333/Cal/73. Friedrich Deckel Aktiengesellschaft. Multi-step transmission with an indexing disk.
- 334/Cal/73. International Nickel Limited. Corrosion-resistant nickel-iron alloy. (16th February 1972).
- 335/Cal/73. Diamond Shamrock Corporation. Electrolyte additive for membrane cell operation.
- 336/Cal/73. Irkutsky Filial Vsesojuznogo Nauchno-Issledovatel'skogo i Proektnogo Instituta Aluminievoi Magniduevi i Elektrodnoi Promyshlennosti; Irkutsk. Metal ingots.
- 337/Cal/73. A. R. Ramachandran and S.A.R. Navakodi. Improvement in or relating to shaving brush.

16th February 1973

- 338/Cal/73. May & Baker Limited. Process for the preparation of new cyclopentane derivatives. (18th February 1972).
- 339/Cal/73. Cufflin Holdings Limited. Method of lap-jointing sheets of natural or synthetic rubber or plastics material. (17th February 1972).
- 340/Cal/73. National-Southwire Aluminum Company. Method and apparatus for producing metal.
- 341/Cal/73. Thorn Electrical Industries Limited. Improvements in ballast circuits for discharge lamps. (16th February 1972).
- 342/Cal/73. M. Frolich. A device for inspection of the sealing at a seal-point.
- 343/Cal/73. N. V. Philips' Gloeilampenfabriken. System for automatic equalization.
- 344/Cal/73. Howe-Baker Engineers, Inc. Absorption control.
- 345/Cal/73. Resinex S.a.S. Spar-type buoy for maritime navigation.
- 346/Cal/73. X. Lind. Improvements in or relating to apparatus for and a method of joining the edges of two sheet portions together.
- 347/Cal/73. I. A. K. Khanna, 2. M. L. Pathak and 3. V. Subramaniam. A suspension system for railway rolling stock.

- 348/Cal/73. 1. A. K. Khanna, 2. M. L. Pathak and 3. A. J. Bajaj. A suspension system for bogies

**Application for Patents Filed at the Head Office**

**Bombay Branch**

- 50/Bom/73. L. V. Tannir. A clock-cum-timer device.

**Alteration of Date**

128586. Ante-dated to 12th February 1968.  
129698. Post-dated to 11th November 1971.

**Complete Specifications Accepted**

Notice is hereby given that all persons interested in opposing the grant of patents on any of the applications concerned, may at any time within four months of the date of this Gazette of India or within such further period not exceeding one month applied for in Form 14 of the Patents Rules, 1972, before the expiry of the said period of four months give notice to the Controller of Patents in the prescribed Form 15 of the Patents Rules, 1972, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specification in the following list will be available for sale from the Government of India Book Depot, 8 Kiron Shankar Roy Road, Calcutta in due course. The price of each specification is Rs. 2/- (Postage extra, if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

The required typed copies of the specifications together with copies of the drawings if any can be supplied by Patents Office on Payment of the necessary charges which may be ascertain on application to this office.

The dates shown in Crescent brackets are dates allowed under Section 135 of the Act.

106850. Centre National De La Recherche Scientifique and Laboratories Anphar. Process for the production of a new derivative of phenylbutazone.

*Reacting clofexamide with phenylbutazone in diluent medium.*

111920. Sumitomo Chemical Company Ltd. Process for the production of dl-methionine composition.

*Comprises reacting a calcium salt of dl methionine with phosphoric acid.*

117742. Bayer Aktiengesellschaft formerly known as Farbenfabriken Bayer Aktiengesellschaft. Process for the preparation of 2-methyl-3-carboxylic acid amido-quinoxaline-1, 4-di-N-oxides.

*Comprises reacting a benzofuranone with acetoacetic acid amide in presence of an amine.*

121818. Ammu George. Oil known as "Eurel" extracted from plant eupatorium odoratum for burns, scals and ulcers, in men.

*Process of extracting the oil known as "Eurel" from plant Eupatorium Odoratum comprising passing steam on the leaves of said plant and allowing to condense by water cooling, water is decanted from below and the supernatant oil is collected floating above.*

123094. Vsesojuzny nauchno-issledovatel'sky Institut khimicheskikh sredstv zaschity rasteniy. Process for the production of n-substituted ammonium dialkoxydithiophosphates.

*Reacting dialkoxydithiophosphoric acid with an aliphatic amine*

127573. E. Gy. T. Gvorgszervezeseti Gyar. New substituted aliphatic thioamides and process for preparing same.

*Process for preparing new substituted aliphatic thioamides comprising the steps of reacting a nitrile with hydrogen sulphide, in the presence of a basic substance isolating the obtained product from the reaction mixture.*

128586. The Upjohn Company. Process for the production of  $7\beta$ -methyl- $17\alpha$ -hydroxy-(10) Estren-3- $17$ -acylate. [Divisional date 12th February 1968].

*Comprises decarboxylating  $7\alpha$ -methyl-3-oxo $17\beta$  hydroxy 4-androsten-19-oic acid 17 acylate to yield corresponding  $7\alpha$ -methyl- $17\beta$ -hydroxy-5-(10)-estrene-3-one, 17 acylate.*

128726. Imperial Chemical Industries Limited. Improved aircraft fuel. (10th October 1969).

*Fuel containing dissolved therein a copolymer of ethylene with a higher olefine having more than two carbon atoms which has a molecular weight of at least 10,000.*

128970. Veb Filmfabrik Wolfen. Process for the sensitization of photographic silver chloride and silver chlorobromide emulsions that may contain colour couplers. (9th June 1970).

*1, 3-dialkyl-2-methylbenzimidazolium salt is reacted with orthoformic acid ester or a dialkoxymethyl acetate in nitrobenzene and the dyestuff thus obtained is added to the silver chloride or silver chlorobromide emulsion.*

129084. Universal Propulsion Co. Heat insulating composition.

*Comprising a binder having dispersed therein a coolant substance.*

129126. Girling Limited. Improvements in or relating to vehicle brakes. (17th November 1969).

*Comprising pair of brakeshoes expandable by mechanically actuated brake means including adjustable strut, pawl and ratchet means, wherein the pawl tip has a degree of free movement, towards and away from the ratchet, and spring means acts on pawl lever to bias pawl tip in engagement with ratchet.*

129244. M. P. Thomas. An improved tyre inflator.

*Characterised by a body having a passage opening out at two mouths, a one way valve provided within the passage, means for engaging the first mouth with the spark-plug hole of an external combustion engine, means for coupling a hose or conduit to the second mouth.*

129332. Continental Oil Company. Control system for fluid catalytic cracking process. [Addition to No. 119338].

*The regenerator catalyst bed temperature is held constant by varying the recycle feed rate in response to variations in said regenerator catalyst bed temperature.*

129336. Bayer Aktiengesellschaft, formerly known as Farbenfabriken Bayer Aktiengesellschaft. Preparation of titanium dioxide concentrates and iron oxide pigments from ilmenite.

*The reduced ilmenite is reacted with nitrobenzene at a temperature of from about 20°C to 100°C and at a pH value of from about 3 to 7.*

129372. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing new pigments of the quinacridone series.

*Characterized by reacting 2, 5-di-(4'-carbonamido-phenylamino)-terephthalic acid with sulphuric acid at 135°C.*

129662. Bayer Aktiengesellschaft, formerly known as Farbenfabriken Bayer Aktiengesellschaft. Rubber stabilizers and a process for their production.

*Characterized by reacting 2-*tert.* butyl-4-methylphenol with norbornene, cyclopentene, cyclopentanol, cyclopentylhalide or indene.*

129698. A. J. Electronics. Improvements in or relating to a method of bonding metallic sheets or strips.

*Consists (1) Chemically degreasing and activating surface of the metal sheets (2) printing the required piping by known screen printing process (3) spot welding the screen printed sheet to the non screen printed activated metal sheet at pre-*

*determined places (4) pre heating the sandwich sheet prior to hot rolling, (5) hot rolling the sandwich to obtain bonding of non-screen printed surface and major reduction of sandwich sheet (6) cold rolling the hot rolled sheet to achieve final length (7) annealing the cold rolled sandwich prior to inflation (8) placing the annealed sandwich between platens set to predetermined height and inflating by hydraulic (9) removing the fluid (10) trimming the inflated sheet prior to bending and shaping to from heat exchanges or like design.*

129833. American Cyanamid Company. A medicament dispenser.

*Comprising a medicament chamber, an element of shape suitable for dispensing to the body cavity and having a conduit connecting the said chamber, and valve means for introducing gas under pressure to the said chamber.*

130127. Offshore Technology Corp. Water floated work platform.

*Comprising air-sealed floatable vessel having a ballast tank therein and platform supporting means, a floatable platform said platform and vessel being movable vertically with respect to each other, mechanism for ballasting and deballasting the tank, means for retaining the platform in a desired elevated position on the platform supporting means, buoying means for buoying the work-platform, and coupling means between the buoying means and the vessel.*

130237. Joseph Lucas (Industries) Limited. Reflective elements for mirrors, particularly rear view mirrors for road vehicles. (14th February 1970).

*Being formed of transparent material in the form of a plurality of parallel strips of triangular cross-section with the apical edge of each integral with the base of an adjacent one, one side having a plane front surface and the opposite side extending at an angle to the said front surface.*

130319. Dynamit Nobel Aktiengesellschaft. Process for the preparation of alkali metal benzoates.

*Comprises isolating methyl benzoate, by fractionation from the product left after the isolation of dimethyl terephthalate obtained via, oxidu of *p*-xylene and saponifying and it followed by recovery of the alkali benzoate salt.*

130401. Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S.p.A. Method for the production of alicyclic ketenes.

*An alicyclic acid is subjected to heat treatment in a metallic reaction vessel at 400°C to 900°C.*

130457. N. V. Philips' Gloeilampenfabrieken. Pressure-operated control device for a filtering apparatus. (4th March 1970).

*Comprises a duct for connection thereto with the interior of the dirty liquid tank wherein means are provided for passing a fluid under pressure through said duct.*

130633. E. M. Roth, Brush.

*Having a body provided with a passageway extending longitudinally through it, a handle member longer than the passageway, said handle being slideable to two different positions, means for releasably forming said handle in position, means to stop rotation of the handle.*

130695. General Electric Company. Improvements in or relating to heater roll temperature sensing apparatus.

*Comprises an annular slot cut into one face of the roll, a stationary circumferential member and a temperature responsive resistance winding.*

130798. Film Cooling Towers (1925) Limited. Improvements in or relating to packing for cooling towers. (31st March 1970).

*Comprising a plurality of sheets curved about their respective longitudinal axes and mounted in said curved state in support means.*

131122. Societe Fives Lille-Cail. Sealing device for rotary tubular oven drier or cooler or similar apparatus.  
*Comprising a first annular joint formed by flexible metal scales fixed to hood in overlapping relationship and supported on the tubular body, a second annular joint constituted by a ring, and an annular chamber between two joints being maintained at a pressure level close to that prevailing in the tubular body.*
131338. Sandoz Ltd. Process for the production of thermoplastic materials without the property of accumulating electrostatic charge.  
*A tertiary amino ester like triethanolamine-mono laminate is admixed with the plastic material under heat and pressure.*
131585. N. V. Phillips' Gloeilampenfabrieken. Transistor amplifier arrangement. (5th June 1970).  
*Characterised in that the base is furthermore coupled with a source supplying a further biasing current, which compensates at least partly the influence of the base emitter voltage so that the biasing base current of said transistor is substantially proportional to the said supply voltage.*
131666. Keelavite Hydraulics Limited. Improvements in or relating to fluid tight annular seals.  
*Comprises an annular leakage path to be sealed, an abutment wall, an O-ring and a deformable support ring between the O-ring and the abutment wall.*
131744. Dynamit Nobel Aktiengesellschaft. Safety laminate.  
*Characterized in that each polyamide layer is made by applying a lacquer capable of forming a light stable film on one or both sides of an amorphous polyamide layer, allowing the lacquer to dry and pressing the layer between two flat parallel plates.*
131853. Orsymonde. Process for the preparation of butyramidene derivatives.  
*Comprises reacting naphthalene with epichlorohydrine reacting reaction product successively with (a) Hel gas, (b) KEN, (c) Condensing with ethanol and (d) with amine.*
132351. Uss Engineers and Consultants, Inc. Billet marking apparatus and method of marking.  
*Comprising a marking device having a marking member on one blade of the stationary blade and the movable blade, the marking member being operable by relative movement between the stationary blade and movable blades to shear the longitudinal member into billet to mark.*
132492. The Singer Company (UK) Limited. Adjustable connecting rods, particularly for tufting machines. (22nd August 1970).  
*Comprises rod parts arranged in end to end axial alignment and a turn-buckle in screw threaded engagement with such parts.*
132516. Cotton, Incorporated. Rapid wet fixation process for the production of cellulosic fibre containing material suitable for the fabrication of durable press apparel therefrom.  
*Comprising applying a mixture of polymer forming and cross linking agent and an acid catalyst to the system, heating the material and continuously cold quenching and dissipating acidity from the resulting wet fixed material under non-polymerizing conditions.*
133053. The Standard Oil Company. Process for the manufacture of acrylonitrile and methacrylonitrile.  
*Comprises reacting propylene isobutylene vapor at 500-1100°C and 0.5 to 5 atmospheres with molecular-O-containing gas and NH<sub>3</sub> is the presence of a specified catalyst.*
133056. Dynamit Nobel Aktiengesellschaft. Process for the preparation of dimethyl terephthalate.  
*Comprises an oxidising mixture of p-xylene and methyl p-toluate, esterifying the obtained acids with methanol in the presence of catalysts comprising a combination of cobalt compounds and compounds of metal VIA of the periodic table.*
133276. The Upjohn Company. 4H-s-triazolo [4, 3-a] [1, 4] benzodia-zepines and process for preparing the same.  
*Comprises a condensing a benzodiazepine-2-thione derivative with a hydrazine.*
133346. Mefina S. A. Sewing machine case.  
*Comprises a rectangular box like pedestal having a upper surface and forming a work table with the flat upper face and the free arm a plurality of flaps a cover and liaison means for the flaps and cover.*
133412. Pirelli General Cable Works Limited. An electric cable. (11th November 1970).  
*Comprises a conductor, and insulation surrounding that conductor and a layer formed of tapes of electrically semiconducting sheet material comprising two superimposed layers bonded to one another.*
132517. C. V. Venugopalan. Auto service indicator.  
*Comprising two boxes to be put one inside other with the small engaged with "nots" to bigger with engaged small one being fixed and a rod being fixed to tubular frame after hood.*
133673. Mitsui Toatsu Chemicals Incorporated. A process for removing a dust.  
*Comprises passing a gas containing the dust through a layer of porous material having a high porosity of noncellular foam, and impregnated with a solvent for the dust.*
133839. Girling Limited. Improvements in or relating to fluid pressure control valves. (11th June 1971).  
*Comprises a valve closure member which operates in sealing engagement with an annular valve seat of deformable material, and an annular support member surrounding the valve closure member and defining therewith a path for the flow of fluid through the valve.*
133927. Veb Rohrkombinat Stahl-und Walzwerk Riesa. Steel sheet product for light steel sections.  
*Steel sheet product comprises two layers of steel, the outer layer formed from a soft low pearlite steel while the inner layer is formed of a high strength steel.*
- 134440 Apaw S. A. Liquid-and-air mixing gear pump.  
*Comprising a liquid intake port upstream of the region in which the pump gears are in mesh, a liquid-and-air emulsion delivery port downstream of the region in which the pumpgears are in mesh.*
135068. Vickerys Limited. An improved chuck. (23rd April 1971).  
*Wherein each slot in the sleeve contains a single tooth of generally rectangular cross-section having a pair of inner edges and a pair of outer edges, the tooth having little or no lateral movement in the slot and being adapted to rock with respect to the base of the slot about one or other of its inner edges.*

**Patents Sealed**

125726 125757 125767 125794 125808 126993 127099 127282  
127472 127582 127612 127961 127962 128480.

**Amendment Proceedings**

The amendments proposed by Siemens Aktiengesellschaft in respect of Patent application No. 130283 as advertised in Part III, Section 2 of the Gazette of India dated the 28th October, 1972 have been allowed.

**Registration of assignments, Licences, etc. (Patents)**

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests.

87814 95435	M/s. Firma Faun-Werke-Kommunalfahrzeuge Und Lastkraftwagen-Karl Schmidt.
61407	
61408	
63179	
63444 64151	M/s. Midland Ross Corporation.
67170	
75477	

**Patents deemed to be endorsed with the words  
"Licences of Right"**

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

**No. and Title of the invention.**

88098 (31-5-62)	Process for the treatment of tungsten bearing material.
88103 (23-5-63)	Process for the preparation of aluminium alkyl halides.
88104 (24-5-62)	Improvements relating to synthetic lubricants comprising organic esters and process for preparing the organic esters.
88112 (24-5-63)	Pesticidal compositions.
88115 (24-5-63)	Improvements in and relating to the reforming of hydrocarbons.
88118 (24-5-63)	Coating compositions and the process for preparing them.
88133 (25-5-63)	Water-soluble yellow monoazo dyestuffs and process for preparing them and textile fibrous materials consisting of cellulose which have been dyed, printed or coloured with said dyestuffs.
88134 (25-5-63)	Water-soluble yellow monoazo-dyestuffs and process for preparing them and textile fibrous materials consisting of cellulose which have been dyed, printed or coloured with said dyestuffs.
88145 (27-5-63)	Process for the preparation of cyclohexyl phenyl ketone.
88155 (23-5-63)	Improvements in or relating to catalysts and derivatives of unsaturated hydrocarbons prepared therewith.
88180 (29-5-63)	Process for the production of azo dyestuffs which are difficultly soluble in water and process for the dyeing of hydrophobic organic fibres using said dyestuffs.
88202 (30-5-63)	Method of preparing a dibasic acid.
88224 (26-6-62)	Improvements relating to the preparation of carboxylic acid from tarry by-product in the pre-lysts so prepared.
88237 (1-6-63)	Method of recovering unconverted monocarboxylic acid from tarry by-product in the preparation of phenols.
88247 (3-6-63)	Production of hydrogen containing gas.
88253 (8-6-62)	Improvements relating to the synthesis of urea.

**No. and Title of the invention.**

88268 (4-6-63)	Olefin disproportionation and dehydrogenation.
88273 (4-6-63)	Optical brighteners, process for preparing them and process for optical brightening of textile materials.
88285 (5-6-63)	Butane oxidation.
88304 (6-6-63)	Process for preparing dispersions of high grade of dispersity containing bentonite, caolinite, illite and allevardite.
88309 (6-6-63)	Process and equipment for reduction of agglomerated (pelletized) iron oxides to sponge iron.
88320 (7-6-63)	Process for obtaining hydrofluoric acid from hydrofluosilicic acid.
88332 (7-6-63)	Vulcanizable compositions on the basis of olefin polymers or copolymers, a process for their vulcanization and articles thus obtained.
88338 (10-6-63)	New carboxylic acid amide azo-dyestuffs and process for their manufacture.
88352 (10-6-63)	Improved pesticidal compositions.
88356 (10-6-63)	Process for the preparation of beta-amino-arylethylketone picrates.
88359 (10-6-63)	Stabilization of polyvinyl chloride compositions with organic metals salts.
88364 (10-6-63)	Method and apparatus for separating solids in liquid suspension.
88374 (11-6-63)	Inhibition of polymerization.
88403 (13-6-63)	Polyvinyl chloride compositions and a process for preparing them.
88404 (13-6-63)	Reforming process and catalyst therefor.
88416 (2-11-60)	2-isoxazolin-5-ones fungicidal compositions.
88417 (14-6-63)	Process for the production of steel.
88419 (22-3-63)	Process for the production of substituted 1, 4-dichloro anthraquinones.
88427 (14-6-63)	Process for preparing heteroblock copolymers.
88428 (19-6-62)	Olefin copolymers and process for preparing same.
88429 (14-6-63)	Improvements relating to the production of branched polymers.
88433 (14-6-63)	A method of manufacturing of lime by burning powdered limestone in rotary kilns.
88457 (17-6-63)	Manufacture of solid ammonium phosphates.
88467 (17-6-63)	Process for preparing phosphorylated mercaptals.
88471 (17-6-63)	Method for the production of luppen from laterite ores.
88539 (21-6-63)	Method of treating copper shapes to produce molten copper of low oxygen content.
88557 (22-6-63)	Process for preparing acetic acid by catalytic oxidation of propylene.
88558 (22-6-63)	Method and apparatus for the froth flotation of ores.
88566 (22-6-63)	Water-insoluble disazo dyestuffs and process for their manufacture.
88580 (24-6-63)	Process for the upgrading of a bis-triazinylamino stilbene derivative.
88582 (24-6-63)	Acetal and ketal phosphites and process for preparing them.
88583 (24-6-63)	Modified polyesters, method of preparing them and impregnating varnishes prepared therewith.
88585 (24-6-63)	Improved polymerization process and catalyst.
88588 (24-6-63)	Water-insoluble monoazo dyestuffs and process for preparing them.
88601 (28-6-62)	Process for the preparation of lead oxide, lead oxide so produced and a detonator containing the same.

No. and Title of the invention.	No. and Title of the invention.
88612 (25-6-63) Process for the manufacture of unsaturated carbonyl compounds.	88882 (12-7-63) Process for the production of sintered product.
88650 (27-6-63) Improvements in or relating to the polymerisation of vinyl compounds in aqueous suspension.	88883 (13-7-62) Treatment of latices of natural rubber and blends of synthetic rubber and natural rubber.
88674 (28-6-63) New dyestuffs and processes for their manufacture and use.	88902 (15-7-63) Process for the conversion of hydrocarbons.
88683 (29-6-63) Flux composition for submerged arc welding, method of making the same and process of welding metals therewith.	88921 (15-7-63) Process for preparing $\omega$ -lactams with more than 6 carbon atoms in the ring.
88691 (29-6-63) Improvements in or relating to the manufacture of phosphoric acid.	88949 (16-7-63) Method for producing polyurethane polymer solutions and compositions therefrom.
88693 (29-6-63) 2-aryl-1 : 3 : 5-triazine compounds and process for their manufacture.	88953 (5-12-62) Polymer compositions and a process for preparing them.
88696 (2-7-62) Process for the gasification of ash-containing fuel.	88955 (13-9-62) Novel organo phosphorous anti-oxidants and a process for preparing them.
88698 (1-7-63) Catalytic polymerization of lactam.	88961 (17-7-63) Isocyanate modified polyester and a process for making it.
88708 (1-7-63) Basic dyes and their production.	89010 (20-7-63) Production of lactams by rearrangement of cyclic ketoximes.
88710 (1-7-63) Process for the preparation of metalised dyes.	89024 (22-7-63) Process for the esterification of polyoxy-methylenes in solution.
88713 (1-7-63) Process for polymerising diolefins, preferably butadiene, and polymerization catalyst therefor.	89025 (22-7-63) Process for the esterification of polyoxy-methylenes.
88733 (2-7-63) Grease compositions and a process for preparing them.	89032 (22-7-63) Method for removal of iron, manganese and ammonia from water.
88738 (2-7-63) Process for the preparation of stable polymer emulsions from N-methylol substituted amides of acrylic acid or the ethers of such N-methylolamides, paper or textile products treated therewith.	89035 (22-7-63) A process for polymerizing lactam.
88745 (3-7-63) Process and apparatus for the recovery of blown products from petroleum residues.	89036 (22-7-63) Improved catalyst system, polymerization process employing said catalyst system and products so produced.
88749 (3-7-63) Process for the hydrorefining of petroleum crude oils.	89037 (22-7-63) Improved catalyst system, process for preparation thereof, polymerization processes employing said catalyst systems and products so produced.
88761 (4-7-63) Improvements in the preparation of phosphoric acid esters.	89042 (22-7-63) A process for preparing agricultural chemical spray mixtures.
88767 (4-7-63) Process for the treatment of fluids for altering the composition of fluid mixtures.	89043 (22-7-63) Fungicidal compositions.
88787 (5-7-63) Copolymers of conjugated dienes with vinyl-substituted aromatic monomers, process for the preparation thereof and rubbery compositions containing said copolymers.	89061 (23-7-63) Process for optically brightening organic materials.
88789 (5-7-63) New vat dyestuffs, process for their manufacture and cellulosic textile materials dyed and printed therewith.	89067 (23-7-63) Polyvinyl chloride resin stabiliser and a process for stabilising resins using it.
88804 (6-7-63) Process for the production of glycol monoesters.	89088 (24-7-63) Preparation of carbon black.
88806 (6-7-63) New water-insoluble anthraquinone dyestuffs and process for their manufacture and process for dyeing polyester fibers therewith.	<b>Renewal Fees Paid</b>
88817 (8-7-63) Process for the preparation of halogenated hydrocarbons.	63124 63164 63186 63236 63264 63265 63495 63610 63876 65768 65876 66705 66805 66895 66896 66897 67093 67460 70661 70727 70774 70802 70814 71056 71074 71088 71240 71300 71358 71384 75247 75311 75317 75344 75345 75373 75408 75409 75410 75412 75422 75425 75556 75868 75907 75942 75958 75981 80605 80684 80710 80732 80749 80810 80860 81111 81150 81159 81386 81422 81449 81478 81479 81480 81481 81543 81544 81636 81676 83255 86046 86299 86355 86396 86526 86614 86707 86711 86936 86944 86993 87086 87112 87129 87768 88497 88887 89007 91902 92044 92197 92245 92267 92296 92297 92357 92566 92578 92840 93067 93302 93981 94332 94680 96308 96309 96310 96311 96312 97784 97785 97810 97890 97891 97977 97988 97999 98036 98057 98102 98136 98137 98196 98261 98286 98335 98404 98421 98502 98566 98579 98634 98819 98925 98961 98980 98981 99713 103525 103833 103875 103894 103902 103911 103925 103941 103944 103946 103948 104011 104016 104051 104108 104183 104184 104343 104355 104495 104707 104711 104716 104796 104974 105004 105007 105568 106253 108146 109293 109340 109355 109374 109383 109498 109698 109752 109861 109962 109971 110247 110283 110342 110387 110448 110458 111172 111290 113986 113987 114048 114134 114350 114427 114458 114466 114561 114568 114569 114581 114601 114641 114645 114664 114665 114701 114802 114803 114858 114951 114971 115067 115102 115149 115169 115209
88867 (17-6-63) A process for increasing the hardness of steel in a cyanate bath and steel treated thereby.	
88868 (11-7-63) Water-soluble pathalocyanine dyestuffs and process for their manufacture and fibrous materials of natural or regenerated cellulose which have been dyed, printed or coloured with said dyestuffs.	
88879 (12-7-63) A process for making a conjugated diene polymer.	

115226 115227 115376 115377 115663 115683 115889 116024  
 118573 118865 118990 119129 119314 119416 119435 119689  
 119761 119791 119808 119825 119882 119898 119919 119946  
 119947 119958 119959 119961 120055 120065 120098 120099  
 120172 120198 120212 120216 120217 120218 120239 120248  
 120250 120257 120270 120274 120298 120339 120485 120505  
 120608 120627 120642 120658 120862 120863 120953 121046  
 121639 123692 123809 123999 124501 124503 124751 125226  
 125269 125290 125325 125366 125785 125812 126015 126209  
 126245 126347 126358 126415 126578 129636 130192 130483  
 133533

**Cessation of Patents**

84342 91513 91514 91519 91520 91523 91530 91531 91533  
 91535 91536 91537 91538 91539 91540 91541 91545 91546  
 91547 91548 91549 91550 91553 91554 91555 91556 91557  
 91560 91564 91572 91573 91574 91580 91582 91583 91584  
 91586 91589 91593 91595 91596 91603 91605 91606 91607  
 91610 91611 91612 91613 91624 91647 91650 91651 91652  
 91656 91657 91658 91661 91665 91666 91667 91672 91673  
 91676 91678 91684 91685 91686 91688 91689 91690 91695  
 91703 91713 91714 91715 91716 91717 91720 91722 91725  
 91726 91728 91731 91732 91734 91735 91736 91771 91774  
 91776 91781 91783 91785 91787 91788 91789 91790 91791  
 91810 91813 91814 91818 91819 91825 91826 91833 91836  
 91837 91838 91845 91846 91849 91853 91854 91861 91864  
 91865 91866 91868 91873 91874 91875 91876 91877 91887  
 91896 91900 91904 91909 91914 91919 91920 91924 91926  
 91943 91944 91945 91955 91973 91974 91977 91980 91986  
 91987 91989 91996 91997 91999 92000 92001 92003 92004  
 92011 92012 92014 92015 92016 92020 92022 92023 92024  
 92030 92031 92037 92051 92058 92059 92060 92061 92069  
 92070 92075 92076 92081 92082 92085 92088 92089 92099  
 92100 92103 92104 92105 92108 92109 92110 92113 92115  
 92116 92117 92120 92121 92122 92130 92132 92142 92147  
 92151 92152 92155 92156 92158 92161 92162 92168 92169  
 92172 92174 92175 92176 92178 92179 92180 92181 92182  
 92183 92184 92185 92187 92188 92190 92191 92194 92196  
 92207 92209 92211 92214 92215 92217 92219 92228 92229  
 92230 92237 92238 92240 92241 92242 92243 92244 92246  
 92255 92256 92257 92258 92259 92262 92264 92265 92266  
 92268 92269 92271 92279 92282 92283 92284 92285 92286  
 92294 92301 92303 92309 92318 92320 92321 92325 92326  
 92334 92338 92342 92347 92349 92351 92354 92358 92359  
 92360 92361 92365 92367 92368 92371 92372 92373 92377  
 92381 92382 92383 92388 92390 92391 92394 92395 92397  
 92398 92399 92401 92402 92403 92406 92407 92408 92409  
 92421 92422 92424 92425 92428 92429 92430 92431 92434  
 92436 92437 92438 92443 92444 92447 92448 92450 92453  
 92454 92457 92458 92460 92461 92463 92464 92469 92470  
 92472 92473 92482 92483 92486 92493 92494 92498 92500  
 92501 92502 92503 92504 92505 92506 92509 92510 92511  
 92514 92518 92520 92521 92522 92530 92531 92533 92536  
 92538 92541 92542 92548 92549 92557 92558 92562 92565  
 92568 92576 92577 92583 94014 94913 96569 100739  
 102123 103140 103949 106358 106359 112175

**Restoration Proceedings**

## (1)

Notice is hereby given that an application for restoration of Patent No. 62696 dated the 28th December, 1957 made by the Director, Haffkine Institute on the 22nd April, 1972 and notified in the Gazette of India, Part III, Section 2 dated the 15th July, 1972 has been allowed and the said patent restored.

## (2)

Notice is hereby given that an application for restoration of Patent No. 67485 dated the 27th April 1959 made by Swiss Aluminium Ltd. on the 31st August, 1972 and notified in the Gazette of India, Part III, Section 2 dated the 23rd September, 1972 has been allowed and the said patent restored.

## (3)

Notice is hereby given that an application for restoration of Patent No. 70661 dated the 11th March 1959 made by Electrometre S.A., on the 31st August 1972 and notified in the Gazette of India, Part III, Section 2 dated the 23rd September, 1972 has been allowed and the said patent restored.

## (4)

Notice is hereby given that an application for restoration of Patent No. 70991 dated the 7th March 1970 made by G. A. Suryabhattanavaz on the 12th June 1972 and notified in the Gazette of India, Part III, Section 2 dated the 28th October 1972 has been allowed and the said patent restored.

## (5)

Notice is hereby given that an application for restoration of Patent No. 72263 dated the 20th June, 1960 made by Palani-swami Kaveri Chettiar Palaniswamy, trading as Kavery Boiler Works and notified in the Gazette of India, Part III, Section 2 dated the 10th June, 1972 has been allowed and the said Patent restored.

## (6)

Notice is hereby given that an application for restoration of Patent No. 81673 dated the 7th April, 1962 made by Imperial Chemical Industries (India) Private Limited on the 17th February, 1972 and notified in the Gazette of India, Part III, Section 2 dated the 20th May, 1972 has been allowed and the said patent restored.

## (7)

Notice is hereby given that an application for restoration of Patent No. 81929 dated the 24th April, 1962 made by Imperial Chemical Industrial (India) Private Limited on the 17th February, 1972 and notified in the Gazette of India, Part III, Section 2 dated the 20th May, 1972 has been allowed and the said patent restored.

## (8)

Notice is hereby given that an application for restoration of Patent No. 87430 dated the 16th April, 1963 made by The Indian Aluminium Cables Limited on the 20th October, 1971 and notified in the Gazette of India, Part III, Section 2 dated the 19th February, 1972 has been allowed and the said patent restored.

## (9)

Notice is hereby given that an application for restoration of Patent No. 90671 dated the 5th November, 1963 made by McNeil Laboratories on the 18th January, 1972 and notified in the Gazette of India, Part III, Section 2 dated the 20th May, 1972 has been allowed and the said Patent restored.

## (10)

Notice is hereby given that an application for restoration of Patent No. 96121 dated the 19th October 1964 made by Veba-Chemie AG. formerly Scholven-Chemie Aktiengesellschaft on the 16th May 1972 and notified in the Gazette of India, Part III, Section 2 dated the 4th November 1972 has been allowed and the said patent restored.

## (11)

Notice is hereby given that an application for restoration of Patent No. 99099 dated the 20th April, 1965 made by Swiss Aluminium Ltd. on the 31st August, 1972 and notified in the Gazette of India, Part III, Section 2 dated the 23rd September, 1972 has been allowed and the said patent restored.

## (12)

Notice is hereby given that an application for restoration of Patent No. 100053 dated the 14th June, 1965 made by National Steel Corporation on the 13th January, 1972 and notified in the Gazette of India, Part III, Section 2 dated the 19th February, 1972 has been allowed and the said patent restored.

## (13)

Notice is hereby given that an application for restoration of Patent No. 102204 dated the 25th October, 1965 made by General Refractory Company on the 2nd February 1972 and notified in the Gazette of India, Part III, Section 2 dated the 9th September 1972 has been allowed and the said patent restored.

(14)

Notice is hereby given that an application for restoration of Patent No. 104562 dated the 28th March 1966 made by Navnital Manilal Shah on the 18th December 1971 and notified in the Gazette of India, Part III, Section 2 dated the 18th March 1972 has been allowed and the said patent restored.

(15)

Notice is hereby given that an application for restoration of Patent No. 104563 dated the 28th March 1966 made by Navnital Manilal Shah on the 18th December 1971 and notified in the Gazette of India, Part III, Section 2 dated the 18th March 1972 has been allowed and the said patent restored.

(16)

Notice is hereby given that an application for restoration of Patent No. 106329 dated the 25th July 1966 made by Dr. Sohan Singh on the 2nd March 1972 and notified in the Gazette of India, Part III, Section 2 dated the 8th April 1972 has been allowed and the said patent restored.

(17)

Notice is hereby given that an application for restoration of Patent No. 108583 dated the 26th December, 1966 made by Council of Scientific and Industrial Research on the 15th July, 1972 and notified in the Gazette of India, Part III, Section 2 dated the 2nd September, 1972 has been allowed and the said patent restored.

(18)

Notice is hereby given that an application for restoration of Patent No. 108822 dated the 11th January 1967 made by Westinghouse Electric Corporation on the 23rd December, 1971 and notified in the Gazette of India, Part III, Section 2 dated the 20th May, 1972 has been allowed and the said Patent restored.

(19)

Notice is hereby given that an application for restoration of Patent No. 109365 dated the 18th February, 1967 made by Dr. Biraja Bilash Paul on the 27th March, 1972 and notified in the Gazette of India, Part III, Section 2 dated the 1st July, 1972 has been allowed and the said Patent restored.

(20)

Notice is hereby given that an application for restoration of Patent No. 110459 dated the 1st May, 1967 made by Bhubaneswar Barthakur on the 14th March, 1972 and notified in the Gazette of India, Part III, Section 2 dated the 20th May, 1972 has been allowed and the said patent restored.

(21)

Notice is hereby given that an application for restoration of Patent No. 110647 dated the 15th May 1967 made by Westinghouse Electric Corporation on the 3rd April 1972 and notified in the Gazette of India, Part III, Section 2 dated the 3rd June 1972 has been allowed and the said patent restored.

(22)

Notice is hereby given that an application for restoration of Patent No. 110743 dated the 20th May, 1967 made by Bhubaneswar Barthakur on the 13th March, 1972 and notified in the Gazette of India, Part III, Section 2 dated the 20th March, 1972 has been allowed and the said patent restored.

(23)

Notice is hereby given that an application for restoration of Patent No. 111112 and its addition No. 117144 dated the 14th June, 1967 filed by The Zippertubing Co. on the 10th March 1972 and notified in the Gazette of India, Part III, Section 2 dated the 3rd June, 1972 have been allowed and the patent concerned restored.

(24)

Notice is hereby given that an application for restoration of Patent No. 111555 dated the 18th July, 1967 made by the Director, Indian Agricultural Research Institute on the 17th

July, 1972 and notified in the Gazette of India, Part III, Section 2 dated the 12th August, 1972 has been allowed and the said patent restored.

(25)

Notice is hereby given that an application for restoration of Patent No. 113216 dated the 18th November, 1971 and notified in the Gazette of India, Part III, Section 2 dated the 20th May, 1972 has been allowed and the said patent restored.

(26)

Notice is hereby given that an application for restoration of Patent No. 113947 dated the 6th January, 1968 made by Calcutta Footwear Company and notified in the Gazette of India, Part III, Section 2 dated the 26th August, 1972 has been allowed and the said patent restored.

(27)

Notice is hereby given that an application for restoration of Patent No. 118695 dated the 23rd November, 1967 made by George Moffat Cupit on the 27th May, 1972 and notified in the Gazette of India, Part III, Section 2 dated the 1st July 1972 has been allowed and the said patent restored.

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the design including in the entry.

Class 1. No. 140174. Philips India Limited, of Shivasagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 18 (WB), Maharashtra State, India, an Indian Company, "A Flood light fitting", August 28, 1972.

Class 1. No. 140182. Philips India Limited, of Shivasagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 18 (WB), Maharashtra State, India, an Indian Company, "A light fitting bracket", August 28, 1972.

Class 1. No. 140202. Chandan Industries, An Indian Partnership Firm having its office at : 26-Bombay Talkies Compound Malad West, Bombay-61, Maharashtra, India, "A strainer", September 4, 1972.

Class 1. No. 140287. Mrs. Vaijayanti Vasudeo Prabhune, An Indian Citizen Ward No. 2, House No. 192, Near Narlalma Katta Ichhalkaranji, Dist. Kolhapur, Maharashtra, India, "A swing", October 3, 1972.

Class 1. No. 140288. Shree Agencies, An Indian Partnership Firm at 1593, Madarsa Road, Kashmere Gate, Delhi-6, "Brief case" October 5, 1972.

Class 3. Nos. 140046 & 140047. Monarch Industries, 315, Wadala Udyog Bhavan, Naigaum Cross Road, Wadala, Bombay-31 (DD), State of Maharashtra, India, a partnership firm registered under the Indian Partnership Act. "A container of Jewellery", July 10, 1972.

Class 3. No. 140168. Kooverji Devshi & Co. Pvt. Ltd., an Indian Company incorporated in India under the Indian Companies Act and having its Office at Arun Chambers, Taradeo Road, Bombay, State of Maharashtra, India, "A device for extinguishing fire", August 25, 1972.

Class 3. No. 140178. Philips India Limited, of Shivasagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 18 (WB), Maharashtra, India, an Indian Company, "A post top lantern", August 28, 1972.

Class 3. No. 140184. Philips India Limited, of Shivasagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 18 (WB), Maharashtra State, India, an Indian Company, "A pendant light fitting", August 28, 1972.

Class 3. No. 140225. Philips India Limited, of Shivasagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 18 (WB), Maharashtra State, India, an Indian Company, "A light fitting bracket", September 11, 1972.

Class 3. No. 140246. Panna International, 118/2, Kalbadevi Road, Bombay-2, Maharashtra State, India, Indian partnership concern, "Plastic Bottle", September 14, 1972.

Class 3. No. 140251. Dunlop Limited, a British Company, of Dunlop House, Ryder Street, St. Jame's London S. W. 1, England, Manufacturers, "Tyre for a vehicle wheel", March 25, 1972 (U.K.).

Class 3. No. 140272. Dattatraya Steel Works, Adharwadi, Gandhari Road, Kalyan (Dist. Thana), Maharashtra, India, Indian Partnership concern, "Handle of a Razor", September 25, 1972.

Class 3. No. 140224. Philips India Limited, of Shivasagar Estate, Block "A", Dr. Annie Besant Road, Worli,

Bombay 18 (WB), Maharashtra, State, India, an Indian Company, "A post top lantern", September 11, 1972.

Class 4. No. 140226. Philips India Limited, of Shivasagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 18 (WB), Maharashtra State, India, an Indian Company, "A light fitting bracket", September 11, 1972.

Class 4. No. 140229. Philips India Limited, of Shivasagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 18 (WB), Maharashtra State, India, an Indian Company, "A pendant light fitting", September 11, 1972.

S. VEDARAMANAN,  
Controller-General of Patents, Designs  
and Trade Marks.

